JOINING US TODAY....

John Caracciolo - President
JVC Broadcasting

Neal Ardman - President
NIA Broadcasting

VCMG Live – Palm Beach FL
Use Case – Content Sync

**Studio**

IPL200 with IPConnect, LiveLook, ContentSync
Chan1 Oldies – Chan2 The Surf
FM Streams are OPUS 160k – AM Stream is OPUS 48k

**Hobe Sound**

IPL200 with IPConnect, LiveLook, ContentSync
Chan1 Oldies Analog to FM Transmitter
Chan1 Oldies AES to HD of 103.1
Chan2 The Surf – AES to Transmitter
Backup via MaxxKonnect using Dynamic Initiator

**Mangonia Park**

IPL200 with IPConnect, LiveLook, ContentSync
IPL100P with IPConnect, LiveLook, ContentSync - Oldies
IPL100P with IPConnect, LiveLook, ContentSync - Surf

**WSVU AM**

STL via MaxxKonnect using Dynamic Initiator

IPL100P with IPConnect, LiveLook – WSVU AM
Use Case – FM/HD using HLD-IP & DSS

Intraplex HDL
- 950 IP set to >=2meg data
(1.64m for MPX + 320k for E2X NO FEC)

Intraplex IPL
- 100MP with XPS, IPConnect, LiveLook
Sending Stream via HDL and Public IP

Intraplex IPL-100MP with XPS, IPC, LL & Dynamic StreamSplicing
using HDL and Public IP

Network MGT
for Backup

GPS Antenna

Network on LAN
for MGT

GateAir FMXi
- 4g Importer/Exporter

GatesAir FMXi-4g Importer/Exporter

Network on WAN1
for MGT & StreamSplicing

GPS Antenna

E2X DATA OUT
to WAN2 Port on IPL

Intraplex IPL-950-IP set to >=2meg data
(1.64m for MPX + 320k for E2X NO FEC)

10 MHz & 1PPS
FMXi-4g to IPL

GPS Antenna

Network on LAN
for MGT

Network on LAN
for MGT

Legacy Exciter
Composite only input

GateAir Exciter with Xgen Card

Main FM MPX with RDS

E2X DATA OUT
WAN2 on Xgen Card

Main FM Baseband
with RDS

10 MHz & 1PPS
Exciter to IPL

Network on LAN
for MGT

Network on LAN
for MGT

GateAir Exciter with Xgen Card

Main FM MPX with RDS

GateAir Exciter with Xgen Card

GPS Antenna

E2X DATA OUT
WAN2 on Xgen Card

GateAir Exciter with Xgen Card

Main FM Baseband
with RDS

10 MHz & 1PPS
Exciter to IPL

Network on WAN1
for MGT & StreamSplicing

Network on LAN
for MGT

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Composite only input

GateAir Exciter with Xgen Card

GPS Antenna

E2X DATA OUT
WAN2 on Xgen Card

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GPS Antenna

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WAN2 on Xgen Card

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Composite only input

GateAir Exciter with Xgen Card

GPS Antenna

E2X DATA OUT
WAN2 on Xgen Card

GateAir Exciter with Xgen Card

Main FM Baseband
with RDS
Use Case – IPL200 Over HLD-IP

Studio

- IPL200 with IPConnect, LiveLook
  - Chan1 Main Channel FM
  - Chan2 – HD2 Audio

Transmitter Site

- IPL200 with IPConnect, LiveLook, Dynamic Stream Splicing
  - Chan1 Main Channel FM Audio
  - Chan2 HD 2 Audio

MGT

WAN2 to HDport

Eng Network

Intraplex HDL-950-IP

HDport to WAN2

MGT
Use Case – Typical FM SFN with DSS

Typical FM Processor
Pre-emph enabled Baseband

Intraplex HDL-950-IP

Intraplex IPl-100MP with XPS, IPConnect, LiveLook, SFN

Network for MGT

Network for DSS and IP Feed

Typical RDS Generator

GPS Antenna

519 kHz Sample

57 kHz RDS

Intraplex IPL-100MP with XPS, IPC, LL & Dynamic StreamSplicing and AES192 Enabled

Network on LAN

Network for MGT

Main FM

MPX with RDS

Exciter

10 MHz & 1PPS

Exciter to IPL

Network WAN1

Network WAN2 PORT

HD PORT

MAIN FM MPX output
with RDS Encoded
Analog or AES192

Intraplex HDL-950-IP

Network for MGT

Network on LAN

for MGT

Network for MGT

Network WAN1

for MGT DSS

Main FM

MPX with RDS

Exciter

10 MHz & 1PPS

Exciter to IPL

Network WAN1

Network WAN2 PORT

HD PORT

INTRAPLEX IPl-100MP with XPS, IPC, LL SFN and AES192 Enabled

Network on LAN

Network for MGT

Network on LAN

for MGT

Network for MGT
UPCOMING PRODUCTS
Upcoming IP Link Products – IP Link 100e

- AoIP Plug-in card for Flexiva
- **Full duplex**: AES3 input and output
- Supports: Linear, Compressed, AES67 and Icecast AoIP formats
- **Three GigE** Network ports for reliability and security
- Supports: **Stream Splicing, Primary, Secondary and Backup** audio source switching
- Supports Secure Reliable Transport (SRT) with encryption for security
- USB playlist as backup
- 4 In/out GPIO. RS-232 port
Upcoming – IP Link 100c

• Compact half RU hardware
• **Full duplex**: AES3 input and output
• Optional: Mic level input
• Supports: Linear, Compressed, AES67 and Icecast AoIP formats
• **Three GigE** Network ports for reliability and security
• Supports: **Stream Splicing, Primary, Secondary and Backup** audio source switching
• Supports Secure Reliable Transport (SRT) with encryption for security
• USB playlist as backup
• 4 In/out GPIO. RS-232 port
THANK YOU FOR JOINING US.

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For More info:
Contact Tony Gervasi
Tony.Gervasi@GatesAir.com
561-510-0560